

SUMMARY OF QUALIFICATIONS

Highest Education Achieved: PhD (Computer Science - Software Engineering).

Summary:

My PhD is in the field of Software Engineering. I specialized in Software Evolution, Refactoring and Merging. During my fifteen years of experience, I worked in teaching and training. I taught many academic courses at university level, also, conducted and managed many technical courses for public students. Besides teaching, I also interest in software development, database designing, and system analysing. I have many technical certificates in: Java, software solution development and database administration.

EDUCATIONAL BACKGROUND

- 2006 – 2009 **PhD** in Software Engineering – University of Pretoria – South Africa
- 2003 – 2005 **M.Sc** Computer Science – Al-Quds University – Palestine
- 1991 – 1995 **B.Sc** Computer Science – University of Jordan – Jordan

SELECTED PUBLICATIONS

Papers

- [1] EMMAD SAADEH and DERRICK G. KOURIE, *REFACTORING WITH ORDERED COLLECTIONS OF FINE-GRAIN TRANSFORMATIONS*. International Journal of Software Engineering and Knowledge Engineering. *Volume 23, Issue 03, April 2013. DOI: 10.1142/S0218194013500095. IMPACT FACTOR 0.3*
- [2] Emmad Saadeh (2009). *Fine-Grain Transformations for Refactorings*. Ph.D. thesis. University of Pretoria, South Africa.
- [3] Emmad Saadeh, Derrick G Kourie, An overview of using FGTs for Refactoring, *The 5th Faster/Espresso Workshop*, Pretoria, South Africa, 30th – 31th October, 2009.
- [4] Emmad Saadeh, Derrick G Kourie, ACM 2009, Composite Refactoring Using Fine-Grained Transformations, *Proceedings of the Annual Conference of the South African Institute of Computer Scientists and Information Technologists, SAICSIT2009*, Vaal River, South Africa, 13th-14th October, 2009. Available At: <http://portal.acm.org/citation.cfm?id=1632154>
- [5] Emmad Saadeh, Derrick G Kourie, Andrew B Boake, ACM/IEEE 2009, Fine-grain Transformations to Refactor UML Models, *International Conference on Software Engineering, Proceedings of the Warm Up Workshop for ACM/IEEE ICSE 2010*. Pages 45-51, ISBN: 978-1-60558-565-9. South Africa, 2009. Available At: <http://portal.acm.org/citation.cfm?id=1527048>

- [6] Emmad Saadeh, Derrick G Kourie, Andrew B Boake, ACM 2008, An Algorithm for Ordering Refactorings Based on Fine-Grained Model Transformations, *7th International Conference on Software Methodologies, Tools and Techniques*, Pages 225-243, ISSN: 0922-6389, SOMET08, October,2008, UAE. Available At: informatik.uni-trier.de/~ley/db/indices/a-tree/s/Saadeh:Emmad.html
- [7] Saadeh, E., Kourie, D., and Boake, A. (2008). Model Refactorings as Logic-Based Fine-Grain Transformations. *Proceedings of the 9th African Conference on Research in Computer Science and Applied Mathematics*, 703-710, ISBN: 2-7261-1299-4, Rabat, Morocco. Available At: <http://www.cari-info.org/actes2008/saadeh.pdf>

Chapters *in* Books

- [1] Emmad Saadeh, Derrick G Kourie, Andrew B Boake, IOS Press Book Online, An Algorithm for Ordering Refactorings Based on Fine-Grained Model Transformations, *Frontiers in Artificial Intelligence and Applications, IOS Press Book Online*, ISBN: 978-1-58603-916-5. Volume 182, 2008. Available At: <http://www.booksonline.iospress.nl/Content/View.aspx?piid=11038>

RESEARCH INTERESTS

Software Evolution, Software Refactorings, Software Merging, Database, Human Computer Interactions.

TECHNICAL INTERNATIONAL CERTIFICATES

I have the following international technical certificates:

- [1] Microsoft Certified Solution Developer (**MCSD**)
- [2] Microsoft Certified Database Administrator (**MCDBA**)
- [3] Sun Certified Programmer for **Java2** Platform
- [4] **Graphic Designing & Communication** – Extensive Multimedia courses for two months in **INDIA**

INTERNATIONAL COURSES

- [1] Advanced Software Engineering Course – In the 5th IFIP Summer School on Software Technology and Engineering. From 28 March to 2 April 2009. *Cape Town, SOUTH AFRICA*.
- [2] Graphic Designing & Communication – Under ITEC/SCAAP program sponsored by Ministry of External Affairs, GOI. From 10 January to 20 February 2007. *South Extn., New Delhi, INDIA*.
- [3] Workshop on the Ph.D by Publication: “The Swedish Experience” . The Supervision And Examination Of A Ph.D By Publication. From 29 September to 30 September 2009. Wits University - South Africa.
- [4] IEEE 125 Celebration—CMMI Bootcamp Workshop. By Prof. Chuck Myers. On Monday 12 October 2009. Vaal River, South Africa.

PROFESSIONAL EXPERIENCE

- Aug 2011 – Present** Title: Assistant Professor (Head of the Dept. Of Computerized Information Systems - CIS)
University: **AL-Najah National University–Palestine**
- Feb 2003 – Aug 2011** Title: Assistant Professor (Dept. Of Computer Science)
University: **Arab American University–Palestine**
 Courses taught: *Software Engineering, Object Oriented Analysis and Design, Human Computer Interactions (HCI), Object Oriented Programming (Using Java), Multimedia Technology and Multimedia Applications, Data Structures, Programming Fundamentals II (Object Oriented in C++), Programming Fundamentals I (C++).*
 I also conduct, manage, write proposals for funding, and train in many technical courses for the public like: Java, Database Administration using SQL Server 2000,.....
- Mar 2009 – Dec 2009** Title: Lecturer (School Of Computer Science)
University: **University of Witwatersrand/ South Africa**
 Courses taught: *Operating Systems*
- Feb 2001 – Sept 2001** Title: **IT Technical Trainer**
Company: **Galaxy Information Systems– Palestine**
I worked as trainer for the following technical professional courses which I have certificates in:
 Microsoft Certified Solution Developer (*MCSD*)
 Microsoft Certified Database Administrator (*MCDBA*)
 Sun Certified Programmer for *JAVA2* Platform
- July 1997–Feb 2002** Title: Lecturer (Dept. Of Computer Science)
College: **Al_Rawdah Technical Community College - Palestine**
- Sept 1995–June 1997** Title: Lecturer (Dept. Of Computer Science)
College: **Arab Community College - Jordan**